



PRELUDE

PA3500 Mattress Overlay System



User Manual

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IMPORTANT SAFEGUARDS

READ ALL INSTRUCTIONS BEFORE USING

DANGER - To reduce risk of electrocution.

1. Always unplug this product immediately after using.
2. Do not use while bathing.
3. Do not place or store product where it can fall or be pulled into a tub or sink.
4. Do not place in or drop into water or other liquid.
5. Do not reach for a product that has fallen into water. Unplug immediately.

WARNING - To reduce risk of burns, electrocution, fire, or injury to persons:

1. This product should never be left unattended when plugged in.
2. Close supervision is necessary when this product is used on or near children.
3. Use this product only for its intended use as described in this manual. Do not use attachments not recommended by the manufacturer.
4. Never operate this product if it has a damaged cord or plug, if it is not working properly, if it has been dropped or damaged, or dropping in water, return the product to a service centre for examination and repair.
5. Keep the cord away from heated surfaces.
6. Never block the air opening of this product or place it on a soft surface, such as a bed or couch, where their openings may be blocked. Keep the air opening free of lint, hair, and other similar particles.
7. Never drop or insert any object into any opening or hose.
8. Connect this product to a properly grounded outlet only. See grounding instructions.

NOTE, CAUTION AND WARNING STATEMENTS

NOTE	-	Indicates some tips.
CAUTION	-	Indicates correct operating or maintenance procedures in order to prevent damage to or destruction of the equipment or other property.
WARNING	-	Calls attention to a potential danger that requires correct procedures or practices in order to prevent personal injury.

SYMBOLS



“BF” symbol, indicates this product is according to the degree or protecting against electric shock for type BF equipment.



Attention, should read the instructions.



Grounding terminal (for 230V system)



Disposal of Electrical & Electronic Equipment (WEEE):
This product should be handed over to an applicable collection point for the recycling of electrical and electronic equipment. For more detailed information about recycling of this product, please contact your local city office, household waste disposal service or the retail store where you purchased this product.



Class II Equipment

SAVE THIS MANUAL FOR REFERENCE

1. Introduction

This manual should be used for initial setup of the system and for reference purposes.

1.1 General Information

The Prelude is an alternating mattress overlay system suitable for the treatment and prevention of pressure ulcers.

1.2 Intended Use

This product is intended to reduce the incidence of pressure ulcers whilst optimising patient comfort.



NOTE

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Equipment not suitable for use in the presence of a flammable anaesthetic mixture with air, oxygen or nitrous oxide.

2. Product Description

The Prelude Mattress Overlay System offers a cost effective, pressure-relieving surface ideally suited to the homecare environment. Suitable for both the prevention and treatment of pressure ulcers, the Prelude mattress overlay is ideal for patients who are at risk of developing pressure ulcers.

3. Installation

3.1 Unpacking

The pump unit and mattress are packaged in separate boxes to secure the contents inside. When unpacking the boxes to remove the pump unit and mattress, check for any damages which may have occurred during shipping. Please report any damages to Park House Healthcare and remove the system from use.

3.2 Setting Up

1. Place the pump at the foot end of the bed.
2. Place the Prelude system on top of the existing mattress with the cell/vapour permeable cover uppermost.



NOTE : The Prelude pump must only be used with the Prelude mattress, and/or the Prelude seat.

3. Tuck the end flaps or attach the securing straps under the mattress.
4. Refer to the comfort control setting and adjust the dial according to the patient's weight.
5. Connect the pump to the mains power supply and switch it on at the pump. At this stage both the mains power and low pressure indicators will illuminate.
6. Cover the support surface with a loosely fitting sheet.
7. When the low pressure indicator has extinguished, the system is ready to use.

4. Operation



NOTE : Always read the operating instructions before use.

4.1 Function Description

If required, disconnect the hoses from the pump and join together. The system will then equalise and retain mattress pressure once the pump has been switched off (only possible where connectors are fitted.)

4.2 CPR Requirement

If rapid deflation of the mattress is required, simply disconnect the two hoses from the pump.

Or, simply pull the CPR tag situated at the head end of the mattress.

4.3 Infection Control

Should the mattress become infected then please refer to our disinfection protocol for appropriate cleaning procedures.

5. Cleaning

The following guidelines are suggested by Park House Healthcare Ltd as being suitable infection control procedures. Further information is available upon request.

5.1 Pump Unit

It is important to follow the cleaning procedures for single patient use. General cleaning may be affected by using a cloth dampened with a mild detergent and water solution. This approach may be followed either by wiping with a sodium hypochlorite solution to a dilution of 1000 ppm or by using an alcoholic wipe.

Wipe the pump unit with a damp cloth and a mild detergent, and keep it away from dust. If another detergent is used, choose one that will have no chemical effects on the surface of the plastic case of the pump unit.



CAUTION : Do not immerse or soak pump unit.
Do not use hyper carbonate or phenol based cleaning solutions.
Do not use any abrasive compounds or cleaning pads.

5.2 Mattress

During general use the mattress and tube set may be cleaned by using a mild detergent solution. Where appropriate mattress covers may be completely removed for laundering or sterilisation. Whenever there is staining or body fluids on the mattress, including the cells and tubing, then a sodium hypochlorite solution to a dilution of 1000 ppm should be used following thorough cleansing with soap and water.

All mattress covers may be laundered as follows:

Pre Wash 80°C + 15 minutes

Main Wash 80°C + 15 minutes

Followed by cold rinses and extraction



CAUTION : Do not use phenolic based products for cleaning.



CAUTION : Dry the mattress on a SUNLESS capitalised area after cleaning.



CAUTION : During cleaning procedures, suitable protective clothing should be worn. Ensure that the mains power supply to the pump has been disconnected prior to cleaning.



CAUTION : Follow the national requirements for the correct disposal of the pump unit.

6. Storage

1. To store the mattress, lay the mattress out flat and upside down.
2. Roll from the head end towards the foot end.



NOTE : Do not fold, crease or stack the mattresses. Avoid direct sunlight.

7. Maintenance

The entire timer assembly should be replaced every 3 years of service. If a fault occurs, please refer to troubleshooting or contact Park House Healthcare.

8. Troubleshooting

Problem	Solution
The pump is showing no indications it is working	• Check if the plug is connected to the mains. • Check if the plug is turned on. • Check if the front switch is on. • Check if there are any blown fuses.
The low-pressure light is constantly on	• Check that the hoses are all connected. • Check if there is any leakage in the mattress system.
The pump is on but not inflating the mattress	• Disconnect hoses from pump and check if air is coming out. • Check that all hoses are connected securely. • Check that the CPR is in place. • Check that there are no obvious leaks in the mattress system. • Check the pressure is in the suggested range for the weight of the patient. • Check that there are no kinks in the tubing running down the side of the mattress.
The system does not appear to be alternating	• Check that there are no kinks in the tubing running down the side of the mattress.
The pump is operating noisily	• Make sure the pump is resting against a solid surface.

If your problem cannot be resolved using the above information, please contact Park House Healthcare.

9. Technical Description

Product Code		PA3500	
Pump		Specification	
Power Supply (refer to rating label on the product)		AC 230V, 50Hz	
Fuse Rating		T1A	
Cycle Time		9.5 minutes	
Dimension (L x W x H)		12.5 x 8.5 x 25 (cm)	
Weight		2 kg	
Environment	Temperature	Operation: Storage: Shipping:	10°C to 40°C (50°F to 104°F) -15°C to 50°C (5°F to 122°F) -15°C to 70°C (5°F to 158°F)
	Humidity	Operation: Storage: Shipping:	10% to 90% non-condensing 10% to 90% non-condensing 10% to 90% non-condensing
Classification		• Class II	
Mattress		Specification	
Dimension (L x W x H)		194 x 88 x 10 (cm)	
Weight		7 kg	
Pressure Range		30 - 80 mmHg	
Maximum Patient Weight		101 kg or 16 stones	

Contact the distributor or EU representative for further technical documents.



NOTE

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The specification is also suitable for other areas operating with the same power supply.

10. Guarantees and Warranty

10.1 Pump Unit

All new pumps have a guarantee for a period of 2 years following the date of dispatch.

10.2 Mattress

All new mattresses have a guarantee for a period of 2 years following the date of dispatch.

10.3 Guarantee

Park House Healthcare guarantees to repair or place any equipment issued to its customers, which is found to be faulty during the relevant guarantee or warranty period.

The Company's guarantees are subject to following conditions:

- That the equipment has been used for the purpose for which it was intended.
- That the usage has been on a 'fair wear and tear' basis.
- That the Company's cleaning / disinfection guidelines have been followed.
- That the Company's maintenance guidelines have been followed.
- That maintenance has been carried out by a Park House approved engineer.

10.4 Warranty

Extended warranties can be purchased from Park House Healthcare, for more information contact Customer Services on 0845 0600 333.

10.5 Claims relating to Guarantee and Warranty

In the event of a fault being discovered within the warranty period, the customer must notify Park House Healthcare at the earliest opportunity.

If upon inspection, Park House Healthcare accepts liability then the equipment shall be repaired or replaced immediately.

If Park House Healthcare does not accept liability it shall inform the customer of its reasons for declination and provide the customer with an estimate on either the repair or replacement cost.

Park House Healthcare reserves the right to alter or amend this document without prior notice.

Notes

The Company

Founded in 1984, Park House Healthcare Ltd is now recognised as a market leading supplier of specialist pressure relieving and pressure reducing equipment, hospital beds and moving and handling solutions to the NHS, Community and Nursing Home sectors.

Our innovative product portfolio encompasses a range of clinically proven healthcare solutions, which are fully supported by dedicated clinical training, professional product audit and complete maintenance and decontamination services.

Our purpose built state of the art Corporate Headquarters in West Yorkshire is central to our extensive network of service and logistics centres, strategically located throughout the country. 24 hour care, 365 days a year, dedicated personnel manage specific regions and divisions, ensuring one on one service and support is never far away.

With distributors in over 25 countries, Park House Healthcare Ltd is a truly international company and places important emphasis on providing tailored healthcare solutions and the highest level of customer care to our partners throughout the world.

Park House Healthcare Ltd is a respected member of the British Healthcare Trade Association and has BS EN ISO 9001 and EN46002 accreditation, which is the specific quality standard for Medical Devices. All products are CE marked in accordance with the European Directive 93/42/EEC.



ISO9001 Certificate No: 8019
ISO14001 Certificate No: E4681

Due to its policy of continued development and improvement, Park House Healthcare Ltd reserves the right to amend any details and specifications without notice.

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Park House
Healthcare

Park House Healthcare Ltd
Whitehall 26 Business Park,
1 Heathfield Lane, Birkenshaw,
West Yorkshire, BD11 2HW, UK.

Tel: 0845 0600 333
Fax: 0845 0600 334

Email: sales@parkhouse-hc.com

International Tel: +44 (0)1274 475000

International Fax: +44 (0)1274 475046

International Email: international@parkhouse-hc.com

Web: www.parkhouse-hc.com